

Robinson

\* authorized edit requested by applicant

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/385,114

CRF Processing Date: 2/14/2002  
Edited by: [signature]  
Verified by: [signature] (STIC staff)

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☒ Other: deleted <150.760/145,743 and <1517 1998-09-03 from  
sequence  
Listing



1600

## RAW SEQUENCE LISTING

DATE: 02/14/2002

PATENT APPLICATION: US/09/385,114

TIME: 15:40:00

Input Set : A:\pto.txt

Output Set: N:\CRF3\02142002\I385114.raw

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3 <110> APPLICANT: Whitehouse, Martha J.
5 <120> TITLE OF INVENTION: Angiogenically Effective Unit Dose of FGF-2 and Method
6   of Use
8 <130> FILE REFERENCE: 1296/12169US04
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/385,114
C--> 11 <141> CURRENT FILING DATE: 1999-08-27
13 <150> PRIOR APPLICATION NUMBER: 60/104,103
14 <151> PRIOR FILING DATE: 1998-10-13
16 <150> PRIOR APPLICATION NUMBER: 60/104,102
17 <151> PRIOR FILING DATE: 1998-10-13
19 <160> NUMBER OF SEQ ID NOS: 3
21 <170> SOFTWARE: PatentIn Ver. 2.0
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 442
25 <212> TYPE: DNA
26 <213> ORGANISM: Bovis bovinus
28 <220> FEATURE:
29 <221> NAME/KEY: CDS
30 <222> LOCATION: (1)..(438)
32 <400> SEQUENCE: 1
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35   1           5           10           15
37 ttc aaa gat cca aaa cga cta tat tgt aaa aac ggg ggg ttc ttc cta      96
38 Phe Lys Asp Pro Lys Arg Leu Tyr Cys Lys Asn Gly Gly Phe Phe Leu
39           20           25           30
41 cga atc cac cca gat ggg cga gta gat ggg gta cga gaa aaa tcc gat      144
42 Arg Ile His Pro Asp Gly Arg Val Asp Gly Val Arg Glu Lys Ser Asp
43           35           40           45
45 cca cac atc aaa cta caa cta caa gcc gaa gaa cga ggg gta gta tcc      192
46 Pro His Ile Lys Leu Gln Leu Gln Ala Glu Glu Arg Gly Val Val Ser
47   50           55           60
49 atc aaa ggg gta tgt gcc aac cga tat cta gcc atg aaa gaa gat ggg      240
50 Ile Lys Gly Val Cys Ala Asn Arg Tyr Leu Ala Met Lys Glu Asp Gly
51  65           70           75           80
53 cga cta cta gcc tcc aaa tgt gta acc gat gaa tgt ttc ttc ttc gaa      288
54 Arg Leu Leu Ala Ser Lys Cys Val Thr Asp Glu Cys Phe Phe Glu
55           85           90           95
57 cga cta gaa tcc aac aac tat aac acc tat cga tcc cga aaa tat tcc      336
58 Arg Leu Glu Ser Asn Asn Tyr Asn Thr Tyr Arg Ser Arg Lys Tyr Ser
59           100           105           110
61 tcc tgg tat gta gcc cta aaa cga acc ggg caa tat aaa cta ggg cca      384
62 Ser Trp Tyr Val Ala Leu Lys Arg Thr Gly Gln Tyr Lys Leu Gly Pro

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## RAW SEQUENCE LISTING

DATE: 02/14/2002

PATENT APPLICATION: US/09/385,114

TIME: 15:40:00

Input Set : A:\pto.txt

Output Set: N:\CRF3\02142002\I385114.raw

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63          115          120          125
65 aaa acc ggg cca ggg caa aaa gcc atc cta ttc cta cca atg tcc gcc 432
66 Lys Thr Gly Pro Gly Gln Lys Ala Ile Leu Phe Leu Pro Met Ser Ala
67      130          135          140
69 aaa tcc taag 442
70 Lys Ser
71 145
74 <210> SEQ ID NO: 2
75 <211> LENGTH: 146
76 <212> TYPE: PRT
77 <213> ORGANISM: Bovis bovinus
79 <400> SEQUENCE: 2
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81 1 5 10 15
83 Phe Lys Asp Pro Lys Arg Leu Tyr Cys Lys Asn Gly Gly Phe Phe Leu
84 20 25 30
86 Arg Ile His Pro Asp Gly Arg Val Asp Gly Val Arg Glu Lys Ser Asp
87 35 40 45
89 Pro His Ile Lys Leu Gln Leu Gln Ala Glu Glu Arg Gly Val Val Ser
90 50 55 60
92 Ile Lys Gly Val Cys Ala Asn Arg Tyr Leu Ala Met Lys Glu Asp Gly
93 65 70 75 80
95 Arg Leu Leu Ala Ser Lys Cys Val Thr Asp Glu Cys Phe Phe Phe Glu
96 85 90 95
98 Arg Leu Glu Ser Asn Asn Tyr Asn Thr Tyr Arg Ser Arg Lys Tyr Ser
99 100 105 110
101 Ser Trp Tyr Val Ala Leu Lys Arg Thr Gly Gln Tyr Lys Leu Gly Pro
102 115 120 125
104 Lys Thr Gly Pro Gly Gln Lys Ala Ile Leu Phe Leu Pro Met Ser Ala
105 130 135 140
107 Lys Ser
108 145
111 <210> SEQ ID NO: 3
112 <211> LENGTH: 9
113 <212> TYPE: PRT
114 <213> ORGANISM: Bovis bovinus
116 <400> SEQUENCE: 3
117 Met Ala Ala Gly Ser Ile Thr Thr Leu
118 1 5

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/385,114

DATE: 02/14/2002

TIME: 15:40:01

Input Set : A:\pto.txt

Output Set: N:\CRF3\02142002\I385114.raw

L:10 M:270 C: Current Application Number differs, Replaced Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

**STATISTICS SUMMARY**

PATENT APPLICATION: US/09/385,114

DATE: 02/14/2002

TIME: 15:40:01

Input Set : A:\pto.txt

Output Set: N:\CRF3\02142002\I385114.raw

Application Serial Number: US/09/385,114

Alpha or Numeric: Numeric

Application Class:

Application File Date: 08-27-1999

Art Unit: 1600

Software Application: PatentIN2.0

Total Number of Sequences: 3

Total Nucleotides: 442

Total Amino Acids: 155

Number of Errors: 0

Number of Warnings: 0

Number of Corrections: 2

**MESSAGE SUMMARY**

270 C: 1 (Current Application Number differs)

271 C: 1 (Current Filing Date differs)



RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/385,114

DATE: 02/14/2002  
TIME: 15:38:20

Input Set : A:\12169US04.SEQ.txt  
Output Set: N:\CRF3\02142002\I385114.raw

**Does Not Comply  
Corrected Diskette Needed**

3 <110> APPLICANT: Whitehouse, Martha J.  
5 <120> TITLE OF INVENTION: Angiogenically Effective Unit Dose of FGF-2 and Method  
6 of Use  
8 <130> FILE REFERENCE: 1296/12169US04  
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/385,114  
C--> 11 ~~<141> CURRENT FILING DATE: 1999-08-27~~  
13 <150> PRIOR APPLICATION NUMBER: 60/145,743  
14 ~~<151> PRIOR FILING DATE: 1998-09-03~~  
16 <150> PRIOR APPLICATION NUMBER: 60/104,103  
17 <151> PRIOR FILING DATE: 1998-10-13  
19 <150> PRIOR APPLICATION NUMBER: 60/104,102  
20 <151> PRIOR FILING DATE: 1998-10-13  
22 <160> NUMBER OF SEQ ID NOS: 3  
24 <170> SOFTWARE: PatentIn Ver. 2.0  
26 <210> SEQ ID NO: 1  
27 <211> LENGTH: 442  
28 <212> TYPE: DNA  
29 <213> ORGANISM: Bovis bovinus  
31 <220> FEATURE:  
32 <221> NAME/KEY: CDS  
33 <222> LOCATION: (1)..(438)  
35 <400> SEQUENCE: 1  
36 cca gcc cta cca gaa gat ggg ggg tcc ggg gcc ttc cca cca ggg cac 48  
37 Pro Ala Leu Pro Glu Asp Gly Gly Ser Gly Ala Phe Pro Pro Gly His  
38 1 5 10 15  
40 ttc aaa gat cca aaa cga cta tat tgt aaa aac ggg ggg ttc ttc cta 96  
41 Phe Lys Asp Pro Lys Arg Leu Tyr Cys Lys Asn Gly Gly Phe Phe Leu  
42 20 25 30  
44 cga atc cac cca gat ggg cga gta gat ggg gta cga gaa aaa tcc gat 144  
45 Arg Ile His Pro Asp Gly Arg Val Asp Gly Val Arg Glu Lys Ser Asp  
46 35 40 45  
48 cca cac atc aaa cta caa cta caa gcc gaa gaa cga ggg gta gta tcc 192  
49 Pro His Ile Lys Leu Gln Leu Gln Ala Glu Glu Arg Gly Val Val Ser  
50 50 55 60  
52 atc aaa ggg gta tgt gcc aac cga tat cta gcc atg aaa gaa gat ggg 240  
53 Ile Lys Gly Val Cys Ala Asn Arg Tyr Leu Ala Met Lys Glu Asp Gly  
54 65 70 75 80  
56 cga cta cta gcc tcc aaa tgt gta acc gat gaa tgt ttc ttc ttc gaa 288  
57 Arg Leu Leu Ala Ser Lys Cys Val Thr Asp Glu Cys Phe Phe Phe Glu  
58 85 90 95  
60 cga cta gaa tcc aac aac tat aac acc tat cga tcc cga aaa tat tcc 336  
61 Arg Leu Glu Ser Asn Asn Tyr Asn Thr Tyr Arg Ser Arg Lys Tyr Ser  
62 100 105 110

*applicant requested deletion  
of data*

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/385,114

DATE: 02/14/2002

TIME: 15:38:20

Input Set : A:\12169US04.SEQ.txt

Output Set: N:\CRF3\02142002\I385114.raw

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64 tcc tgg tat gta gcc cta aaa cga acc ggg caa tat aaa cta ggg cca 384
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66      115      120      125
68 aaa acc ggg cca ggg caa aaa gcc atc cta ttc cta cca atg tcc gcc 432
69 Lys Thr Gly Pro Gly Gln Lys Ala Ile Leu Phe Leu Pro Met Ser Ala
70      130      135      140
72 aaa tcc taag 442
73 Lys Ser
74 145
77 <210> SEQ ID NO: 2
78 <211> LENGTH: 146
79 <212> TYPE: PRT
80 <213> ORGANISM: Bovis bovinus
82 <400> SEQUENCE: 2
83 Pro Ala Leu Pro Glu Asp Gly Gly Ser Gly Ala Phe Pro Pro Gly His
84 1 5 10 15
86 Phe Lys Asp Pro Lys Arg Leu Tyr Cys Lys Asn Gly Gly Phe Phe Leu
87 20 25 30
89 Arg Ile His Pro Asp Gly Arg Val Asp Gly Val Arg Glu Lys Ser Asp
90 35 40 45
92 Pro His Ile Lys Leu Gln Leu Gln Ala Glu Glu Arg Gly Val Val Ser
93 50 55 60
95 Ile Lys Gly Val Cys Ala Asn Arg Tyr Leu Ala Met Lys Glu Asp Gly
96 65 70 75 80
98 Arg Leu Leu Ala Ser Lys Cys Val Thr Asp Glu Cys Phe Phe Phe Glu
99 85 90 95
101 Arg Leu Glu Ser Asn Asn Tyr Asn Thr Tyr Arg Ser Arg Lys Tyr Ser
102 100 105 110
104 Ser Trp Tyr Val Ala Leu Lys Arg Thr Gly Gln Tyr Lys Leu Gly Pro
105 115 120 125
107 Lys Thr Gly Pro Gly Gln Lys Ala Ile Leu Phe Leu Pro Met Ser Ala
108 130 135 140
110 Lys Ser
111 145
114 <210> SEQ ID NO: 3
115 <211> LENGTH: 9
116 <212> TYPE: PRT
117 <213> ORGANISM: Bovis bovinus
119 <400> SEQUENCE: 3
120 Met Ala Ala Gly Ser Ile Thr Thr Leu
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/385,114

DATE: 02/14/2002

TIME: 15:38:21

Input Set : A:\12169US04.SEQ.txt

Output Set: N:\CRF3\02142002\I385114.raw

L:10 M:270 C: Current Application Number differs, Replaced Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date